

W A R M L E Y

R U R A L D I S T R I C T C O U N C I L

A N N U A L R E P O R T

OF THE

MEDICAL OFFICER OF HEALTH


and

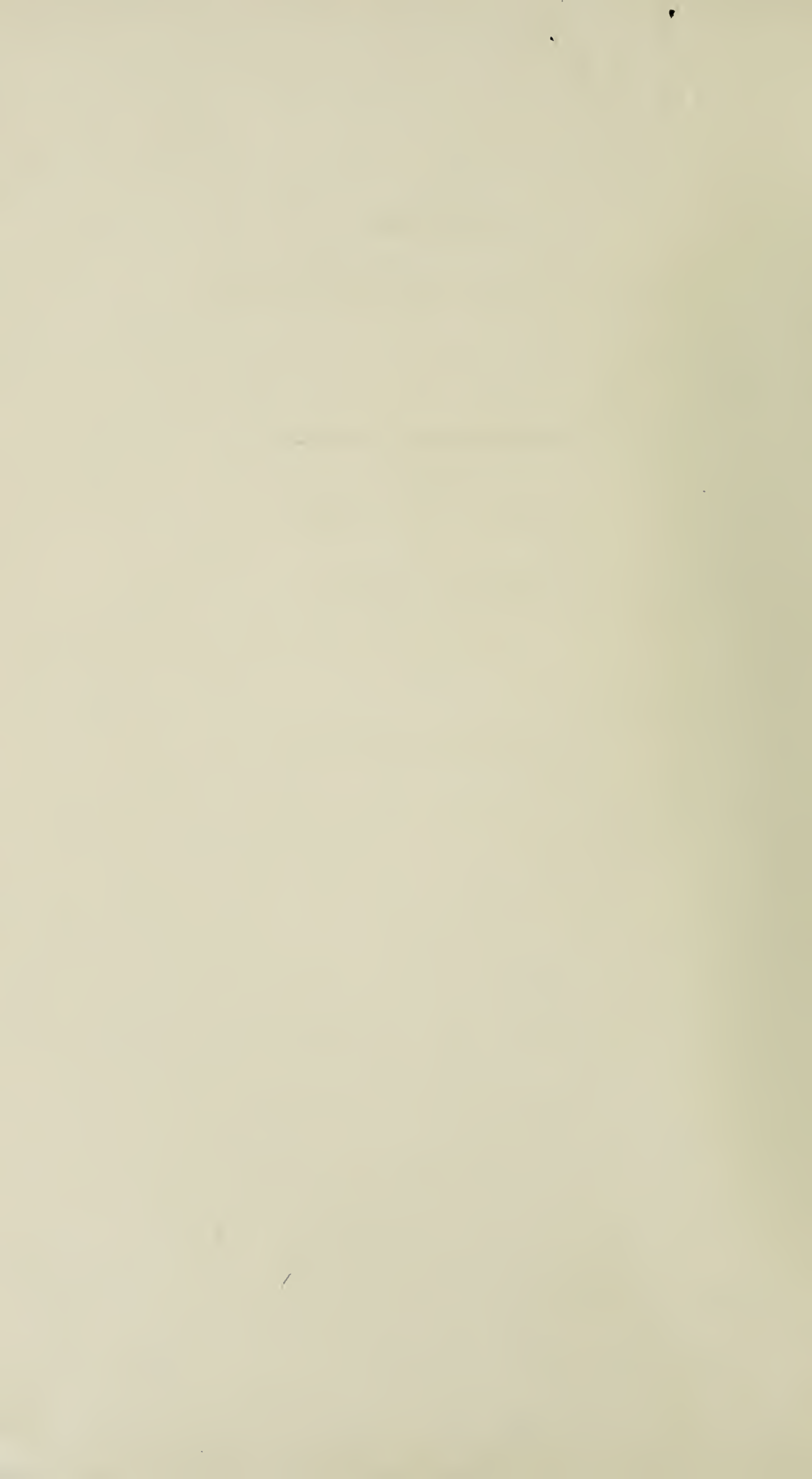
SANITARY INSPECTOR

FOR THE YEAR

1 9 5 2

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WARMLEY RURAL DISTRICT COUNCIL.

Composition of the District:-

Parishes of BITTON  
HANHAM ABBOTS  
MANGOTSFIELD RURAL  
OLDLAND  
SISTON.

Councillors:-

Chairman:- Mr. G.G. Fuge  
Vice-Chairman:-Mr. A. Williams  
Members: Mr. C.T. Ballinger  
Mr. J. Beese  
Mr. J. Blacker  
Miss D.L. Bull  
Mr. D.J.A. Fowler  
Mr. A.E.D. Hall  
Mr. R. Marsh. J.P.  
Mr. J.E.L. Mountford.  
Dr. Mrs. B.F. Orton  
Mr. A.G. Pride.  
Mr. R.J. Wakeford  
Mr. A. M. White.  
Mr. G.G. Williams

Clerk of the Council:-  
M. Fudge.

Public Health Staff.

Medical Officer of Health  
James Menzies Cormack, M.B., Ch.B., D.P.H., D.P.A.,

Sanitary Inspector  
Leslie J. Prosser, L.I.O.B., M.R.S. I., M.S.I.A.

Pupil Sanitary Inspector  
H.J. Cornes

Clerk to the Medical Officer  
R.F. Smith

Serial Number of Report - 44.



A N N U A L R E P O R T  
of the  
M E D I C A L O F F I C E R O F H E A L T H  
to the  
W A R M L E Y R U R A L D I S T R I C T  
C O U N C I L  
for the year

-----1952.-----

Council Offices,  
Warmley House,  
Warmley.

31st December, 1952.

Ladies and Gentlemen,

I have the honour to present my annual report on the health of this District and the 44th in the series. The report is compiled as set out in the Ministry of Health Circular, the Population Statistics are supplied by the Registrar General.

Progress has been good in the development of sewerage facilities in the more thickly populated area, many houses having benefited by this long desired improvement.

It is with regret that I note the absence of any definite proceedings so far as Upton Cheyney water supply is concerned and with regret that I note the conspicuous presence of and occupation of some Nissen Huts at Rodway Hill.

The Sanitary Inspector continues to spend considerable proportion of his time at the Slaughterhouse, but manages to keep his other work up to date.

The health of the District remains good and although there was no serious epidemic in 1952, the sickness claims in respect of 1952 were fairly high. The birth rate recorded is lower than the national figure, but only just below that of the previous year.

My thanks are due to Members of the Council and staff of the Council for their co-operation.

I am,  
Your obedient Servant.

J. MENZIES CORMACK.

Medical Officer of Health.



# S T A T I S T I C S

## (A) GENERAL STATISTICS

Area of District.	8,843 acres.
Population: Registrar-General's estimate - Mid-1952	10,410
Number of inhabited houses: per Rate Books.	3,164
Estimated number of void houses.	Nil
Rateable Value	£42,982
Sum represented by Penny Rate.	£.162

## (B) EXTRACTS FROM VITAL STATISTICS.

<u>Live Births.</u>	<u>M.</u>	<u>F.</u>	<u>TOTAL</u>	Birth rate per 1,000 estimated resident population Mid-1952. (corrected)	
Legitimate	63	56	119		
Illegitimate	3	1	4		11.5
				England & Wales.	15.3
<u>Stillbirths.</u>					
Legitimate	2	2	4		0.37
Illegitimate	-	-	-	England & Wales.	0.35
<u>Deaths.</u>	59	60	119	Death rate per 1,000 estimated average population (corrected)	11.2
				England & Wales.	11.3
<u>Deaths of Infants under one year of age.</u>					
Legitimate.	4	-	4		
Illegitimate	-	-	-		



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TABLE SHOWING PRINCIPAL CAUSES OF DEATH, 1952.

Cause of Death.	Total.
1. Tuberculosis, respiratory.	1
2. Tuberculosis, other.	-
3. Syphilitic disease.	-
4. Diphtheria.	-
5. Whooping Cough.	-
6. Meningo-coccal infections.	-
7. Acute Poliomyelitis.	-
8. Measles.	-
9. Other infective and parasitic diseases.	-
10. Malignant neoplasm, stomach.	4
11. Malignant neoplasm, lung, bronchus	-
12. Malignant neoplasm, breast.	3
13. Malignant neoplasm, uterus	1
14. Other malignant & lymphatic neoplasms.	11
15. Leukaemia, aleukaemia.	1
16. Diabetes.	3
17. Vascular lesions of nervous system.	27
18. Coronary disease, angina.	13
19. Hypertension with heart disease.	7
20. Other heart disease.	17
21. Other circulatory disease.	8
22. Influenza	1
23. Pneumonia.	2
24. Bronchitis.	2
25. Other diseases of respiratory system.	1
26. Ulcer of stomach and duodenum.	1
27. Gastritis, enteritis and diarrhoea.	-
28. Nephritis and nephrosis.	1
29. Hyperplasia of prostate.	-
30. Pregnancy, childbirth, abortion.	-
31. Congenital malformations.	2
32. Other defined and ill-defined diseases.	10
33. Motor vehicle accidents.	1
34. All other accidents.	2
35. Suicide	-
36. Homicide and operations of war.	-
- 5 -	Total 119



TABLE SHOWING INCIDENCE OF INFECTIOUS DISEASES IN AGE GROUPS.

	Under 1 yr	1 - 2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 & over	Unknown	TOTAL
Scarlet Fever				2	1	11	1							15
Measles		1	2	1	2	5							1	12
Whooping Cough		2	2	2	1	5								12
Pneumonia						1					2	1		4
Totals.	-	3	4	5	4	22	1	-	-	-	2	1	1	43



TABLE OF INCIDENCE OF INFECTIOUS DISEASES  
IN EACH PARISH.

Disease	Bitton	Hanham Abbots	Mangots- field.	Oldland	Siston	TOTAL.
Scarlet Fever	1	4	2	3	5	15
Measles	3	3	2	-	4	12
Whooping Cough	1	2	2	7	-	12
Pneumonia	2	1	-	1	-	4
Totals.	7	10	6	11	9	43

TABLE SHOWING NEW CASES AND DEATHS (TUBERCULOSIS) IN  
AGES GROUPS.

Age Groups	NEW CASES.				DEATHS.			
	Respiratory		Non-Resp.		Respiratory		Non-Resp.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year.								
1 - 5 years.	1		1	1				
5 - 15 years.		1						
15-25 years.	3	2	1					
25-35 years.	1							
35-45 years.		1						
45-55 years								
55-65 years.						1		
65 and over								
Age unknown								
Totals.	5	4	2	1		1		





# A P P E N D I X      D (i)

## ANNUAL RETURN OF FOOD POISONING NOTIFICATIONS (Corrected)

1. Local Authority .WARMLEY RURAL DISTRICT COUNCIL.... Year 1952.

2. Food Poisoning Notifications (Corrected Returned to R.G.).

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TOTAL
-	-	-	-	0

Outbreaks due to identified agents.

Total outbreaks  
+ Outbreaks due to:-

Total cases.

(a) Chemical Poisons  
(b) Salmonella Organisms  
(c) Staphylococci  
(including toxin)

(d) Cl. Botulinum  
(e) Other bacteria.

4. Outbreaks of undiscovered cause.

Total outbreaks.

Total cases.

5. Single cases.

Agent identified	Unknown cause	Total.	None
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A N N U A L   R E P O R T.  
of the  
S A N I T A R Y   I N S P E C T O R.  
for the year  
1952  
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To the Chairman and Members of the  
Warmley Rural District Council.

Ladies and Gentlemen,

I have the honour to present my report for the year 1952,  
this being my Sixth Annual Report.

I am,  
Your Obedient Servant.

L.J. Prosser.

Sanitary Inspector.

SUMMARY OF SANITARY INSEPCTOR'S VISITS  
AND NOTICES SERVED DURING THE YEAR.  
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General Sanitation

WATER SUPPLY	36
DRAINAGE	683
STABLES and PIGGERIES.	3
FRIED FISH SHOPS.	4
TENTS, VANS and SHEDS.	14
FACTORIES.	27
BAKEHOUSES.	4
REFUSE COLLECTION.	9
REFUSE DISPOSAL.	9
RATS and MICE. (including visits by Rodent Operator)	431
ATMOSPHERIC POLLUTION.	10
SHOPS.	4
MISCELLANEOUS SANITARY VISITS.	51
COUNCIL and OTHER MEETINGS.	45
PETROLEUM.	28



Housing.

Houses inspected and visited under the Public Health Acts.	110.
Houses inspected and visited under the Housing Acts.	26.
Houses inspected for Overcrowding.	4.
Verminous Premises.	32.

INFECTIOUS DISEASES.

Inquiries in cases of Infectious Diseases.	24.
Visits re Disinfection.	20.
Miscellaneous Infectious Disease Visits.	3.

MEAT & FOOD INSPECTIONS.

SLAUGHTERHOUSES.	449.
SHOPS and STALLS.	8.
OTHER PREMISES.	3.
CANTEENS.	1.
DAIRIES.	9.
GROCERS.	1.
ICE CREAM PREMISES.	2.
MILK SAMPLING.	5.
MISCELLANEOUS FOOD VISITS.	5.

Total. 2060.

SANITARY INSPECTION OF AREA.

Nuisances discovered or reported.	41.
Informal and Preliminary Notices sent.	13.
STATUTORY NOTICES SENT.	3.
Nuisances abated during the year.	38.
Summonses issued.	-.



The chemical results are similar to those obtained on previous occasions, except that the West Gloucestershire supply has certain characteristics differing slightly from those obtained on previous occasions, this probably signifies no more than that it is partly derived from different sources. The bacteriological results on this water are as usual excellent, no copper or other poisonous metals being detected.

## Certificates of Analysis.

21st January, 1953.

Lab ref.      Appearance. - Very faint opalescence when viewed in depth  
No. 2902      no perceptible colour. Minute sediment.

Free and Saline Ammonia.  
Albuminoild Ammonia.  
Chlorine  
equivalent to Sodium Chloride.  
Oxygen absorbed (4 hrs).  
Nitrite  
Nitrogen in Nitrate.  
Loss on ignition.  
Appearance on ignition.  
Total Solids.  
Hardness: Temporary  
Permanent  
Total.

<u>Parts per Million.</u>	
Less than	.01
	0.02
	9.5
	16
	0.30
	Absent
	2.0
	30.
	Slight Charring.
	365.
	248.
	<u>65.</u>
	313

Absent.

Colonies on Agar @ 20° C.  
ditto @ 37° C.

73 per ml.  
30 " "

Organisms of the Coli-aerogenes Group per 100 ml.  
including faecal type.

4.  
1.

Waterfall & O'Brien.





Sample of water from Swineford Supply taken from standpipe in lane, on the 12th January, 1953 at 11.15 by L.J. Prosser, Esq.

Lab. ref.      Appearance      Clear: no colour. Minute sediment.  
No.2903

Reaction.      ph.7.3

Parts per million.

Free and Saline Ammonia.	Less than .01
Albuminoid Ammonia.	0.03
Chlorine (as Chlorides)	14.5
equivalent to Sodium Chloride.	24.
Oxygen absorbed (4hrs)	0.22
Nitrite	absent
Nitrogen in Nitrate	2.7
Total solids	385.
Loss on ignition.	45.
Appearance on ignition.	Some charring.
Hardness: Temporary.	244.
Permanent	89
Total.	<u>333</u>
Lead and Copper.	Absent.

Bacteriological Examination.

Colonies on Agar @ 22° C.	12 per ml.
ditto @ 37° C	1 " "

Organisms of the Coli-aerogenes group per 100 ml. 5.

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Sample of water from Upton Cheyney supply. Taken from tap at Upton Cheyney School by L.J. Prosser esq., on the 12th January 1953 at 11 a.m.

Lab. Ref.      Appearance. Slightly cloudy. Appreciable sediment of  
2904.      (mostly) mineral debris with some vegetable and  
live infusorians.

Reaction      ph.7.4.

Parts per Million.

Free and Saline Ammonia.	0.024
Albuminoid Ammonia.	0.070
Chlorine (as Chlorides)	13.5
equivalent to Sodium Chloride.	22.
Oxygen absorbed (4 hrs).	0.18
Nitrite	very faint trace.
Nitrogen in nitrate & Nitrite.	2.5
Total Solids.	415.
Loss on ignition.	50.
appearance on ignition.	very slight charring.
Hardness. Temporary.	275
Permanent	<u>78</u>
Total.	353
Lead and Copper.	Absent.

Bacteriological Examination.

Colonies on Agar @ 22° C.	2400 per ML.
ditto @ 37° C.	600 per ML

Organisms of the Coli-aerogenes group per 100 ml.      1100  
including faecal types.      110.





West Gloucestershire Water Supply. taken from tap in wash house at 26 Aubrey Meads. Bitton, on the 12th January 1953 by L.J. Prosser, at 11.30 a.m.

Lab. Ref. 2905. Appearance: Clear, Colourless. no sediment.

Reaction. ph.7.3.

Parts per Million.

Free and Saline Ammonia.	less than	.01
Albuminiod Ammonia.		0.074
Chlorine (as Chloride)		44.
equivalent to Sodium Chloride.		73.
Oxygen absorbed (4 hrs)		0.65
Nitrite.	very faint trace.	
Nitrogen in Nitrate & Nitrite.		0.99
Total Solids.		425.
Loss on ignition.		25.
Appearance on ignition.	no charring.	
Hardness.	Temporary.	256.
	Permanent.	7
	Total.	<u>263</u>

Lead and Copper. absent.

Bacteriological Examination.

Colonies on Agar @ 22° C.	1 per ml.
ditto @ 37° C.	4 " "

organisms of the Coli-aerogenes Group. absent from 100 ml.

Waterfall & O'Brien.

During the year 10 samples were taken and submitted for analysis, these were obtained from 8 different sources and 7 were reported as unsatisfactory.

Statutory Notices served.	-
Statutory Notices complied with	-
Preliminary Notices served.	6.
Preliminary Notices Complied with	6.

One informal notice was complied with by the installation of a small chlorination plant and the others by connection of a supply from the West Gloucestershire Water Company's main direct into the houses.

Particulars of the number of houses served in each Parish, direct from the West Gloucestershire Water Company's mains supply.

<u>Parish.</u>	<u>Domestic.</u>	<u>Meters.</u>
Bitton.	847.	72.
Hanham Abbots.	460.	35.
Mangotsfield Rural.	255.	29.
Oldland.	740.	33.
Siston.	478	65.

The metered supplies include Farms, business premises, Factories, Cattle troughs etc.



RAINFALL.

The rainfall in 1952, at the West Gloucestershire Water Company's Office at Soundwell, Kingswood, in the County of Gloucestershire, was recorded as follows:-

January.	2.70	July.	1.16
February.	0.65	August.	4.62
March.	2.53	September.	3.09
April.	1.86	October.	4.78
May.	4.38	November.	3.77
June.	2.26	December.	2.28
Total for 1952.		34.08 inches.	

Drainage and Sewerage.

During the year work has proceeded on the Branch Sewerage scheme for the District. The first section was completed and fairly good progress has been made on the second section, including the construction of the pumping stations at Bitton and Willsbridge, but we are still waiting for the delivery of the Pumping Machinery, also for the cast Iron main, which will have to be laid from Bitton to Willsbridge. Until this piping has been delivered work cannot be started on this section of the branch scheme, so that property in the village cannot be connected to the Public Sewer, until this work has been completed.

Considerable amount of routine work has been carried out in the drainage of properties to the Public Sewer, which can be seen from the number of visits made in connection with drainage.

Details of connections made to the Public Sewer during the year.

	Cesspools or Septic tanks.	Earth or pail closets converted and Connected to sewer.	Houses affected.
Bitton	72.	64.	137.
Hanham Abbots.	47.	1.	16.
Oldland.	15.	1.	48.
Siston.	-	-	-
Mangotsfield.	-	-	-
	134.	66.	201.

Public Cleansing.

A weekly collection of refuse was carried out in the District. Disposal was by tipping at the central tip at Cowhorn Hill, Oldland.

The salvage of paper, rags and Iron was continued during the year, but it is regretted that from June onwards that the Paper Mills were refusing to take all the paper collected, so that a considerable proportion of the paper collected had to be destroyed.

Details of Salvage collected.

Materials.	Ton.	cwts.	qts.	Value.		
				£.	s.	d.
Paper.	48	4	2	534	3	1
Scrap Iron.	19	7	1	72	12	6
Rags		17	0	16	0	10
Tins.		19	1		19	0
Total.	69	8	0	£.623	15	5

Rivers and Streams.Siston Brook.

No oil was present in the water, so that it would appear that this nuisance has now been abated





River Boyd.

No improvement has taken place in the pollution of this River at Bitton.

Camping Sites.

Number of camping sites used for camping during the year. 6.

Number of camping sites of which licences have been issued by the Local Authority, under section 269 of the Public Health Act, 1936. 4.

Estimated number of resident campers in the area, at one time during the year. 86.

Applications for licences refused by the Local Authority 3.

Dirty and Verminous Premises.

A number of complaints were received of Ant and Fly infestations. One case of fly infestation in one of the Council's houses of the Airy type house was difficult to treat owing to the method of construction of the house.

Eradication of Bed Bugs.

Nil.

Rats and Mice.

The Council employ one Rodent operator on this work, during the year and the following visits were made.

Number of visits including revisits made. 431  
Number of properties inspected. 150

Rat infestations of properties found. 74.  
Mice " " " " 12.

Treatment carried out by the Local Authority 74.

The Council carry out the treatment to dwelling houses in the district free, but a charge is made for all Business premises.

Sewer baiting was carried out during the year, but no infestations were found.

Factory Act, 1937 and 1948.

Prescribed particulars which are required by section 128(3) of the Factory Act, 1937, with respect to matters which are administered by the District Council.

1. Inspections for purposes of the provisions as to health.  
(Including inspections made by the Sanitary Inspector.)

	No. on Register.	Inspections.	Written notices.	Occupiers Prosecuted.
1. Factories in which sections 1.2.3.4, & 6 are to be enforced by Local Authority.	51	27	1	-
2. Factories not included in (1) in which section 7 is enforced by the Local Authority.	3	-	1	-
3. Other premises in which section 7 is enforced by the Local Authority (excluding outworkers premises).	-	-	-	-
Total.	54	27	2	-



## 2. Cases in which defects were found.

Defect.	found	Reme- died.	No of cases in which defects were found.		
			Referred to H.M. Insp.	By H.M. Insp.	Prosecuted
Want of cleanliness.	6	6		3	
Overcrowding.	-	-			
Unreasonable temperat- rue.	-	-			
Inadequate Ventilation	-	-			
Ineffective drainage of floors.	-	-			
Snnitary Conveniences.					
(a) Insufficient				1	
(b) Unsuitable or defective.	2	2			
(c) Not separate for sexes.	1	1			
Total	9	9	-	4	-

Part VIII of the Act.OUTWORK. Section 110 and 111 ( part only ).

Nature of Work.	M/c line No. 2.	No. of Outworkers in August req. by S.110(1) (c).	No. of cases of default in sending lists to Council.	No of Prosecutions for failure to supply lists	Sections 111		
					6.	7.	8.
Wearing apparel	13	4	-	-	-	-	-
Mading Etc.							
cleaning and	14.	-	-	-	-	-	-
washing							

Housing

Occupation of the old nissen huts on the Rodway Hill camp still exists, where the occupiers are living under deplorable conditions. While these occupants may be said to be problem families I am of the opinion that action must be taken to rehouse them. Numerous applications have been made by the M.O.H. also by the Secretary of the N.S.P.C.C. and a special allocation of houses has been made by the Ministry for the purpose of clearing the gun sites. It is a matter for regret that while some action has been taken by the Council, there are still a number of huts occupied under Conditions which if privately owned would most certainly be dealt with and cleared by action under the Housing Acts.

56 Families were rehoused in new Council houses during the year. At the end of the year there were 40 Council houses under construction.

(a) Number of dwelling houses inspected for defects under the Public Health or Housing Acts. 33

(b) Number of houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation. 5

(c) Action under Statutory powers during the year proceedings under the Housing Act, 1936. 2





All new Houses.

(a) Total number erected during the year.	Council.	56
	Private Enterprise.	30.
Number of houses under construction but not completed at the end of the year.	Council.	40
	Private Enterprise.	25
(b) New houses erected during the year with State assistance under the Housing Act.		nil.

Rag Flock Act.

One licence was renewed for the manufacture of Rag flock. Under the Rag Flock and Filling Materials Act, 1951, this mill hold a licence under the British Standards Institute, Certification Mark Scheme.

Sample Analysis.

B.S.S. 1425/1.

Chlorine 10 parts per 100,000.	
Soluble Impurities.	1.16 %
Oil	3.20 %
Soap	.94%
Total	4.14%
Wool Content.	53.0%

Two furniture factories had their premises registered for the purpose of the Act.

INSPECTION and SUPERVISION of FOOD.

Dairies inspected.	9
Dairies reconstructed.	1
Number of dairies registered in the District.	12
Number of Milk Distributors.	20
Dairies with own Pasteurising Plant. (Licenced by County Council.)	2

Milk (Special Designations Specified Areas) Order 1952.

This order came into force in the area during the year. As a result many of the small distributors, especially Producer retailers gave up the retailing of milk in the District. With the exception of the two dairies with Pasteurising plants, the other dairymen buy their milk already pasteurised and bottled by larger firms licensed by Bristol County Borough. They are therefore only roundsmen, and their dairies are used for storage only.

The following licences for the sale of designated milk were issued=

Tuberculin Tested.	11.
Pasteurised and Sterilised	12.

ICE CREAM.

30 licences are in force for the sale of Ice Cream in the District, no ice cream is manufactured in the area, but is obtained prepacked from manufacturers.



Meat Inspection.Carcases Inspected.

	Calves.	Sheep.	Pigs.
Number Killed.	38,823	346	705
Number Inspected.	38,823	346	705

Of this number the following was received at the slaughterhouse as casualties.

Calves. 64      Sheep 70.      Pigs 116.

Carcases Condemned.All diseases except Tuberculosis.

	Calves.	Sheep.	Pigs.
(a) Whole carcasses condemned.	84	8	7
(b) Carcasses of which some part of organ was condemned.	345	68	84
Percentage of carcasses inspected and affected with disease, other than tuberculosis.	1.1%	21.9%	12.9%

Tuberculosis only.

(a) Whole carcasses condemned	67	-	2
(b) Carcasses of which some part of organ was condemned.	12	-	104
Percentage of carcasses inspected and affected with Tuberculosis.	0.2%	-	15%

Congenital Tuberculosis in Calves.

Table I.

Year.	Calves inspected.	Calves affected with tuberculosis.	Percentage %
1946.	35,550	131	0.36
1947	31,931	85	0.26
1948	38,176	123	0.32
1949	38,526	110	0.29
1950	40,943	119	0.29
1951	39,019	66	0.16
1952.	38,823	67	0.17

Table II.

Year	Calves condemned	Calves not labelled.	Dams traced	Dams taken under T.B. order Pos. Result.	Dams not confirmed negative Result.	Results unknown.	Dams not traced.
1946	123	57	58	51	7	-	8
1947	83	40	37	26	11	3	3
1948	123	53	61	48	10	3	9
1949	95	27	68	46	19	3	3
1950	117	46	71	49	11	2	9
1951	65	21	44	26	13	1	4
1952	67	18	46	27	11	8	3



11.

SLAUGHTER OF ANIMALS ACT.

Four licences to slaughter animals were renewed to slaughtermen.

PETROLEUM (CONSOLIDATION) ACT 1928.

25 Licences were issued under this Act. during 1952.

I beg to remain, Ladies and Gentlemen,

Your obedient servant,

L.J. Prosser.

Sanitary Inspector.

